0-19 Maya Number System
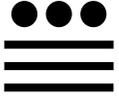
Can you work out these Maya numbers? Use the key to help you.

Add up the value of each symbol.

1 + 1 = 2
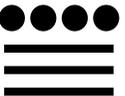
5 + 5 + 5 = 15

Then simply combine the two totals!

5 + 5 + 5 + 1 + 1 = ?

Key	
🫘	0
●	1
▬	5

0-19 Maya Number System Answers

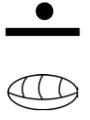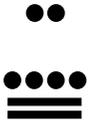|		
6	9	17
8	7	11
13	2	18
16	19	4

0-399 Maya Number System

Can you work out these Maya numbers? Use the key to help you.

$\bullet$ ▬ [ ]	$\bullet\bullet$ $\bullet\bullet\bullet\bullet$ [ ]	$\bullet$ ▬ $\bullet\bullet$ ▬▬ [ ]
$\bullet\bullet\bullet$ ▬ [ ]	$\bullet$ 🫘 [ ]	≡ ▬ [ ]
$\bullet\bullet$ ▬▬ [ ]	$\bullet\bullet$ ▬▬▬ $\bullet\bullet$ [ ]	$\bullet\bullet$ ▬▬▬ $\bullet\bullet\bullet$ ▬▬ [ ]
▬ $\bullet\bullet\bullet$ ▬▬▬ [ ]	$\bullet\bullet$ $\bullet\bullet\bullet\bullet$ ▬▬ [ ]	▬ $\bullet\bullet\bullet\bullet$ [ ]

The Maya only counted up to 20. After that they would count in multiples of 20.

$\bullet$
▬

$\bullet\bullet$
▬▬

The symbols in the top row need to be added together and multiplied by 20: $(1+5) \times 20 = ?$
[ ]

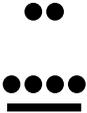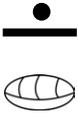The bottom row simply needs to be added together:

$1 + 1 + 5 + 5 = ?$

The total value of the symbols can be calculated by simply combining the two values together!

$(6 \times 20) + (1 + 1 + 5 + 5) = ?$

Key

🫘	0
$\bullet$	1
▬	5

Number of 20s
Number of 1s and 5s

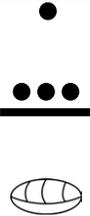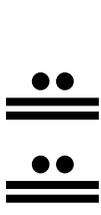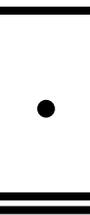|		
• — 6	•• •••• — 49	• — •• — 132
••• — 8	• — 120	• ≡ — 325
•• = 50	•• ≡ •• 347	•• ≡ ••• — 258
— ••• ≡ 118	•• •••• ≡ 59	— •••• 109

0-5080 Maya Number System

Read the **Larger Maya Numbers Activity Sheet**. Now can you work out these Maya numbers? Use the key to help you.

Key	
🫘	0
●	1
▬	5

Number of 400s

Number of 20s

Number of 1s and 5s

0-5080 Maya Number System Answers

560	986	646	808
931	252	1377	640
2030	5080	4174	1529